

**JURISDICTION ONLINE PROCEDURE/INSTRUCTION FOR VIRGINIA  
AUTHORIZATION  
NO. 001**

October 10, 2002

**SUBJECT: Instructions for Initial Inspections (NB-5/BPV-5) Online**

Please find below instructions for first inspections (BPV-5s) of four different types of objects. These fields will be the technical basis for our accepting or not accepting inspection reports.

Please note that in Virginia all "water heaters" are considered the status of pressure vessels no matter if the construction code is HLW, AGA, or H.

*1. Add/Edit Boiler Inspection*

**BPV-5 HIGH PRESSURE BOILER** (Initial Inspection)

Required Data Fields, by Computer, All Objects:

- A. Jurisdiction Number
- B. Status
- C. Object Location
- D. Edit Manufacturer
- E. Year Built
- F. Year Installed
- G. Type
- H. Use
- I. Fuel
- J. MAWP
- K. Date Inspected
- L. Safety/Relief Valve Set At
- M. Condition OK to Issue Cert

Required Data Fields on High Pressure Boilers:

- A. NB Number
- B. Install New
- C. SV Properly Drained
- D. SV Cap Required
- E. SV Capacity Type
- F. Controls Installed OK
- G. Piping Installed OK
- H. ASME Code Stamp
- I. Total Capacity of Safety Valve
- J. Low Water Cut-Off Tested

2. *Add/Edit Boiler Inspection*

BPV-5 **LOW PRESSURE BOILER** (Initial Inspection)

Required Data Fields, by Computer, All Objects:

- A. Jurisdiction Number
- B. Status
- C. Object Location
- D. Edit Manufacturer
- E. Year Built
- F. Year Installed
- G. Type
- H. Use
- I. Fuel
- J. MAWP
- K. Date Inspected
- L. Safety/Relief Valve Set At
- M. Condition OK to Issue Cert

Required Data Fields on Low Pressure Boilers:

- A. Install New
- B. SV Properly Drained
- C. SV Cap Required
- D. SV Capacity Type
- E. Controls Installed OK
- F. ASME Code Stamp
- G. Total Capacity of Safety/Relief Valve
- H. Low Water Cut-Off Tested (Steam Boiler Only)

3. *Add/Edit Pressure Vessel Inspection*

BPV-5 **WATER HEATER** (Initial Inspection)

Required Data Fields, by Computer, All Objects:

- A. Jurisdiction Number
- B. Status
- C. Object Location
- D. Edit Manufacturer
- E. Year Built
- F. Year Installed
- G. Type
- H. Use
- I. MAWP
- J. Date Inspected
- K. Safety/Relief Valve Set At
- L. Condition OK to Issue Cert

Required Data Fields on Water Heaters:

- A. NB Number or Model Number (Other)
- B. Install New
- C. SV Capacity Required
- D. SV Capacity Type
- E. ASME Code Stamp
- F. Fuel – Gas or Oil (Object Comments)

4. *Add/Edit Pressure Vessel Inspection*

BPV-5 **UNFIRED PRESSURE VESSEL** (Initial Inspection)

Required Data Fields, by Computer, All Objects:

- A. Jurisdiction Number
- B. Status
- C. Object Location
- D. Edit Manufacturer
- E. Year Built
- F. Year Installed
- G. Type
- H. Use
- I. MAWP
- J. Date Inspected
- K. Safety/Relief Valve Set At
- L. Condition OK to Issue Cert

Required Data Fields on Unfired Pressure Vessels:

- A. NB Number
- B. Install New
- C. Volume (Cubic Ft)
- D. ASME Code Stamp